

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-014292**Date Inspected:** 22-May-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	Orthotropic Box Girder(OBG)				

Summary of Items Observed:

On this day CALTRANS OSM Quality Assurance (QA) Inspector Manoj Prabhune was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA observed and/or found the following:

This QA Inspector randomly observed the following work in progress:

OBG # TRIAL ASSEMBLY YARD

Segment # 7AW ~ 7EW (West Side)

This QA Inspector performed Dimension Inspection along with Caltrans QA Inspector Mr.Manikandan Joint Survey Inspection for the following Segment 7AW ~ 7EW from Panel Point 47. 5 to PP 61

Corner Assembly Cope Holes dimension measurements at Typical Corner Assembly Survey Location is E1~ E2, S1 ~ S4, T1 ~ T3 Cope Hole Diameter from PP 47.5 to 61 Cross Beam and Counter Weight side.

Corner Assembly Cope Holes dimension measurements at Typical Corner Assembly at Intermediate Panel Point Survey Location is E1~ E2, S1 ~ S4, T1 ~ T2 Cope Hole Diameter from PP 47.5 to 61 Cross Beam and Counter Weight side.

Segment # 7AE ~ 7EE (East Side)

WELDING INSPECTION REPORT

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This QA Inspector performed Dimension Inspection along with Caltrans QA Inspector Mr.Manikandan Joint Survey Inspection for the following Segment 7AE ~ 7EE from Panel Point 47. 5 to Panel Point 61

Corner Assembly Cope Holes dimension measurements at Typical Corner Assembly Survey Location is E1~ E2, S1 ~ S4, T1 ~ T3 Cope Hole Diameter from Panel Point 47.5 to Panel Point 61 Cross Beam and Counter Weight side.

Corner Assembly Cope Holes dimension measurements at Typical Corner Assembly at Intermediate Panel Point Survey Location is E1~ E2, S1 ~ S4, T1 ~ T2 Cope Hole Diameter from PP 47.5 to 61 Cross Beam and Counter Weight side.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Only general conversation was held between QA and QC concerning this project.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang phone: 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Prabhune,Manoj	Quality Assurance Inspector
Reviewed By:	Patterson,Rodney	QA Reviewer
